



Pra Rencana Pabrik  
“Pabrik Titanium Dioksida Dari Ilmenit dan Asam Sulfat Dengan  
Proses Sulfat“

Daftar Pustaka

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**DAFTAR PUSTAKA**

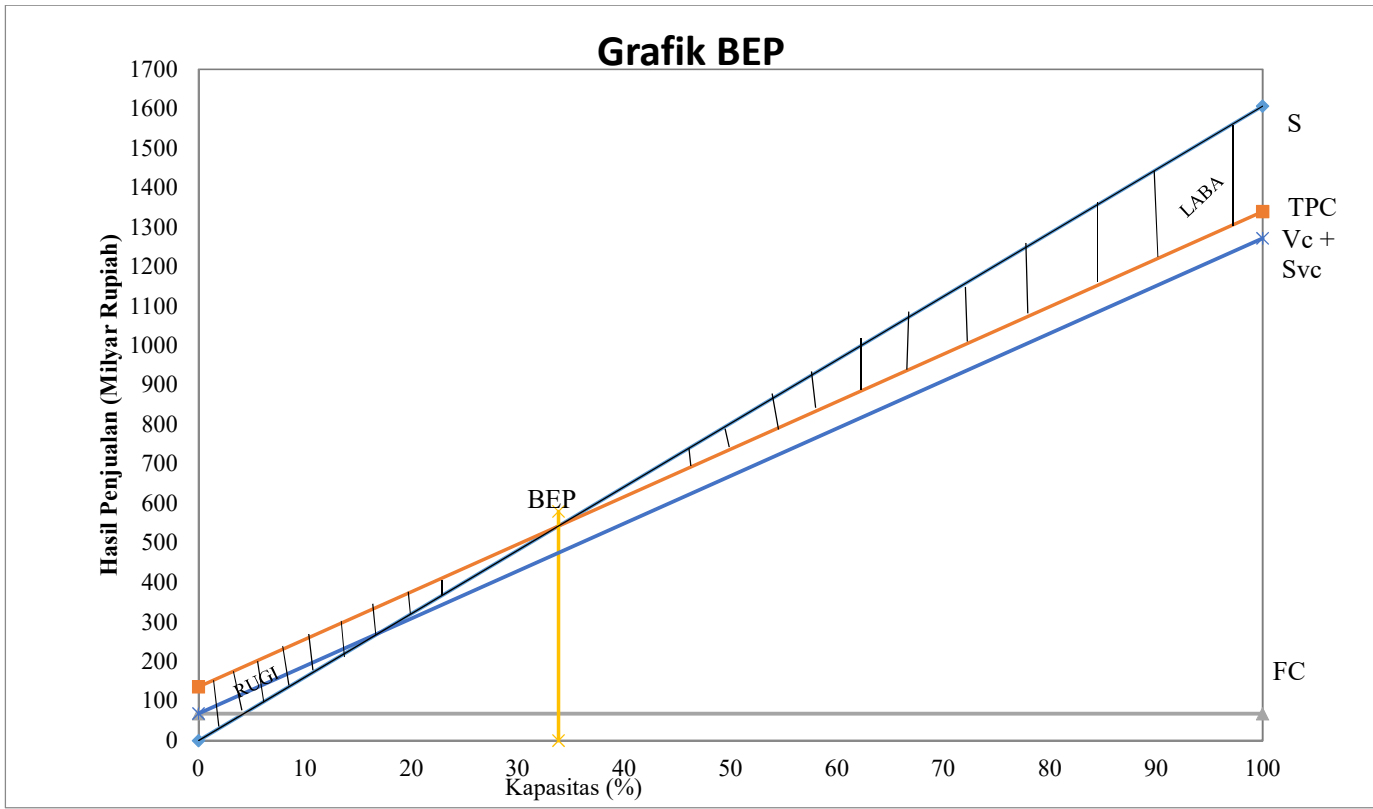
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**Tabel IX-2 Cash Flow**

FCI = Rp525.679.215.220  
 Modal sendiri = Rp315.407.529.132      Inflasi = 3,50%      Pajak = 25%  
 Modal pinjaman = Rp210.271.686.088      Bunga = 6%

1	2	3	4	5
Tahun ke-	Kapasitas pabrik	Investasi		
		Modal Sendiri 60%		
		Pengeluaran	Inflasi 3.5%	Jumlah
-2	0%	Rp315.407.529.131,81	Rp0	Rp315.407.529.132
-1	0%	Rp315.407.529.131,81	Rp11.039.263.520	Rp326.446.792.651
0	0%	Rp0	Rp22.078.527.039	Rp22.078.527.039
1	60%			
2	80%			
3	100%			
4	100%			
5	100%			
6	100%			
7	100%			
8	100%			
9	100%			
10	100%			

Tahun ke-	Kapasitas pabrik	Investasi		
		Modal Pinjaman 40%		
		Pengeluaran	Bunga 6%	Jumlah
-2	0%	Rp210.271.686.087,87	Rp0	Rp210.271.686.088
-1	0%	Rp210.271.686.087,87	Rp12.616.301.165	Rp222.887.987.253
0	0%	Rp0	Rp25.232.602.331	Rp25.232.602.331
1	60%			
2	80%			
3	100%			
4	100%			
5	100%			
6	100%			
7	100%			
8	100%			
9	100%			
10	100%			

9

10

11

Tahun ke-	Kapasitas pabrik	Investasi		
		Jumlah Modal Sampai Pabrik Produksi		
		Modal Sendiri	Modal Pinjaman	Jumlah
-2	0%			Rp0
-1	0%			Rp0
0	0%	Rp663.932.848.822	Rp458.392.275.672	Rp1.122.325.124.494
1	60%			
2	80%			
3	100%			
4	100%			
5	100%			
6	100%			
7	100%			
8	100%			
9	100%			
10	100%			

12

13

14

15

Tahun ke-	Kapasitas pabrik	Production Cost			
		Sisa Pinjaman	Pengembalian Pinjaman	Total Penjualan	Depresiasi
-2	0%				
-1	0%				
0	0%	Rp458.392.275.672	Rp45.839.227.567		Rp13.333.031.654
1	60%	Rp412.553.048.104	Rp45.839.227.567	Rp964.082.523.062	Rp13.333.031.654
2	80%	Rp366.713.820.537	Rp45.839.227.567	Rp1.285.443.364.082	Rp13.333.031.654
3	100%	Rp320.874.592.970	Rp45.839.227.567	Rp1.606.804.205.103	Rp13.333.031.654
4	100%	Rp275.035.365.403	Rp45.839.227.567	Rp1.606.804.205.103	Rp13.333.031.654
5	100%	Rp229.196.137.836	Rp45.839.227.567	Rp1.606.804.205.103	Rp13.333.031.654
6	100%	Rp183.356.910.269	Rp45.839.227.567	Rp1.606.804.205.103	Rp13.333.031.654
7	100%	Rp137.517.682.701	Rp45.839.227.567	Rp1.606.804.205.103	Rp13.333.031.654
8	100%	Rp91.678.455.134	Rp45.839.227.567	Rp1.606.804.205.103	Rp13.333.031.654
9	100%	Rp45.839.227.567	Rp45.839.227.567	Rp1.606.804.205.103	Rp13.333.031.654
10	100%	Rp0		Rp1.606.804.205.103	Rp13.333.031.654

Tahun ke-	Kapasitas pabrik	Production Cost			
		Fixed Cost	Variabel Cost	Semi Variabel Cost	TPC
-2	0%				
-1	0%				
0	0%				
1	60%	Rp67.924.650.656	Rp626.320.052.975	Rp228.124.192.515	Rp803.949.358.878
2	80%	Rp67.924.650.656	Rp835.093.403.967	Rp228.124.192.515	Rp1.071.932.478.504
3	100%	Rp67.924.650.656	Rp1.043.866.754.958	Rp228.124.192.515	Rp1.339.915.598.130
4	100%	Rp67.924.650.656	Rp1.043.866.754.958	Rp228.124.192.515	Rp1.339.915.598.130
5	100%	Rp67.924.650.656	Rp1.043.866.754.958	Rp228.124.192.515	Rp1.339.915.598.130
6	100%	Rp67.924.650.656	Rp1.043.866.754.958	Rp228.124.192.515	Rp1.339.915.598.130
7	100%	Rp67.924.650.656	Rp1.043.866.754.958	Rp228.124.192.515	Rp1.339.915.598.130
8	100%	Rp67.924.650.656	Rp1.043.866.754.958	Rp228.124.192.515	Rp1.339.915.598.130
9	100%	Rp67.924.650.656	Rp1.043.866.754.958	Rp228.124.192.515	Rp1.339.915.598.130
10	100%	Rp67.924.650.656	Rp1.043.866.754.958	Rp228.124.192.515	Rp1.339.915.598.130



Tahun ke-	Kapasitas pabrik	20 (14 - 13 - 19)			21 (25% 20)			22 (20 - 21)			23 (22 +15)		
		<b>Laba</b>						<b>Cash Flow</b>					
		<b>Kotor</b>		<b>Pajak</b>		<b>Bersih</b>							
-2	0%												
-1	0%												
0	0%												
1	60%	Rp114.293.936.617		Rp28.573.484.154		Rp85.720.452.463		Rp99.053.484.117					
2	80%	Rp167.671.658.012		Rp41.917.914.503		Rp125.753.743.509		Rp139.086.775.163					
3	100%	Rp221.049.379.406		Rp55.262.344.852		Rp165.787.034.555		Rp179.120.066.209					
4	100%	Rp221.049.379.406		Rp55.262.344.852		Rp165.787.034.555		Rp179.120.066.209					
5	100%	Rp221.049.379.406		Rp55.262.344.852		Rp165.787.034.555		Rp179.120.066.209					
6	100%	Rp221.049.379.406		Rp55.262.344.852		Rp165.787.034.555		Rp179.120.066.209					
7	100%	Rp221.049.379.406		Rp55.262.344.852		Rp165.787.034.555		Rp179.120.066.209					
8	100%	Rp221.049.379.406		Rp55.262.344.852		Rp165.787.034.555		Rp179.120.066.209					
9	100%	Rp221.049.379.406		Rp55.262.344.852		Rp165.787.034.555		Rp179.120.066.209					
10	100%	Rp221.049.379.406		Rp55.262.344.852		Rp165.787.034.555		Rp179.120.066.209					
Rata-Rata		Rp205.036.062.988				Rp153.777.047.241							